

Human corin, serine peptidase ELISA Kit | CORIN elisa kit

Human Corin ELISA Kit

CATALOG #
AAA112779

REACTIVITY
Human

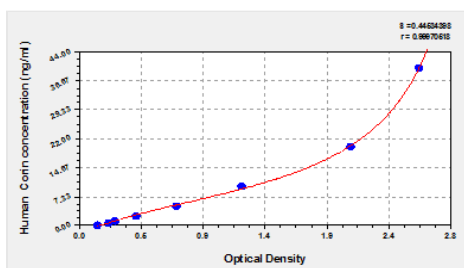
PRODUCT SYNONYMS

corin; serine peptidase; Human Corin ELISA Kit; ATC2; CRN; Lrp4; MGC119742; TMPRSS10; atrial natriuretic peptide-converting enzyme; serine protease; heart specific serine proteinase; pro-ANP-convertase; pro-ANP-converting enzyme; CORIN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CORIN. No significant cross-reactivity or interference between Human CORIN and analogues was observed.
Sequence Length	938
Assay Type	Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CORIN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for corin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any corin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for corin is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of corin bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	514961960
NCBI GeneID	10699
NCBI Accession #	NP_001265514.1
NCBI GenBank Nucleotide #	NM_001278585.1
UniProt Accession #	Q9Y5Q5; Q2TBD2; Q4W5E5; Q4W5G6; Q9UHY2; B0ZBE3
Molecular Weight	116,486 Da
NCBI Official Full Name	atrial natriuretic peptide-converting enzyme isoform 2
NCBI Official Synonym Full Names	corin, serine peptidase
NCBI Official Symbol	CORIN
NCBI Official Synonym Symbols	CRN; ATC2; Lrp4; PEE5; TMPRSS10
NCBI Protein Information	atrial natriuretic peptide-converting enzyme; pro-ANP-convertase; pro-ANP-converting enzyme; transmembrane protease serine 10; heart-specific serine proteinase ATC2
UniProt Protein Name	Atrial natriuretic peptide-converting enzyme
UniProt Gene Name	CORIN
UniProt Synonym Gene Names	CRN; TMPRSS10
UniProt Entry Name	CORIN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/corin-serine-peptidase/112779>